

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/08268

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 G02B6/44

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC, COMPENDEX

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 109 457 A (VEDEJS ARTHUR G ET AL) 28 April 1992 (1992-04-28) abstract; figures column 3, line 41 -column 4, line 3	1,3-8, 12,14
X	US 2003/044139 A1 (NORRIS RICHARD HARTFORD ET AL) 6 March 2003 (2003-03-06) cited in the application abstract; figure 2	1,3-8
A	WO 01/84206 A (CORNING CABLE SYS LLC ;GIMBLET MICHAEL J (US); QUINN CHRIS M (US);) 8 November 2001 (2001-11-08) abstract; figure 1 page 6, line 30 -page 7, line 14 --- -/--	12-14

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

28 April 2004

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12/05/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	US 6 101 305 A (LOGAN ERIC R ET AL) 8 August 2000 (2000-08-08) abstract; figures ----	12,14
A	EP 0 883 005 A (LUCENT TECHNOLOGIES INC) 9 December 1998 (1998-12-09) abstract; figure 1 column 2, line 49 -column 3, line 39 ----	1
A	US 6 137 936 A (LIU JIN ET AL) 24 October 2000 (2000-10-24) cited in the application the whole document ----	1
A	EP 0 405 851 A (AMERICAN TELEPHONE & TELEGRAPH) 2 January 1991 (1991-01-02) abstract; figure 1 -----	1

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